Discrete Mathematics Volume 268, Numbers 1–3, 6 July 2003

Contents

Contributions

P. I.P. Abel N. I. Finizio M. Graig and C. I. Louris	
R.J.R. Abel, N.J. Finizio, M. Greig and S.J. Lewis Generalized whist tournament designs	1
J. Ahn, H.K. Kim, J.S. Kim and M. Kim Classification of perfect linear codes with crown poset structure	21
M.A. Axenovich On multiple coverings of the infinite rectangular grid with balls of constant radius	31
R. Balakrishnan, JC. Bermond, P. Paulraja and ML. Yu On Hamilton cycle decompositions of the tensor product of complete graphs	49
A.A. Bulatov and P.M. Idziak Counting Mal'tsev clones on small sets	59
M. Chastand Fiber-complemented graphs II. Retractions and endomorphisms	81
I. Duursma Extremal weight enumerators and ultraspherical polynomials	103
E.M. Eschen, W.F. Klostermeyer and R. Sritharan Planar domination graphs	129
G. Ge and C.W.H. Lam Resolvable group divisible designs with block size four and group size six	139
C. Heuberger On planarity and colorability of circulant graphs	153
D. Kremer and W.C. Shiu Finite transition matrices for permutations avoiding pairs of length four patterns	171
R. Li and R.H. Schelp Every 3-connected distance claw-free graph is Hamilton-connected	185
X. Li and CQ. Zhang Chords of longest circuits in 3-connected graphs	199
S. Negami Composite planar coverings of graphs	207
H. Ohsugi and T. Hibi Normalized volumes of configurations related with root systems and complete bipartite graphs	217

0012-365X/03/\$ - see front matter doi:10.1016/S0012-365X(03)00168-7

Discrete Mathematics Volume 268, Numbers 1–3, 6 July 2003

Contents

Contributions

P. I.P. Abel N. I. Finizio M. Graig and C. I. Louris	
R.J.R. Abel, N.J. Finizio, M. Greig and S.J. Lewis Generalized whist tournament designs	1
J. Ahn, H.K. Kim, J.S. Kim and M. Kim Classification of perfect linear codes with crown poset structure	21
M.A. Axenovich On multiple coverings of the infinite rectangular grid with balls of constant radius	31
R. Balakrishnan, JC. Bermond, P. Paulraja and ML. Yu On Hamilton cycle decompositions of the tensor product of complete graphs	49
A.A. Bulatov and P.M. Idziak Counting Mal'tsev clones on small sets	59
M. Chastand Fiber-complemented graphs II. Retractions and endomorphisms	81
I. Duursma Extremal weight enumerators and ultraspherical polynomials	103
E.M. Eschen, W.F. Klostermeyer and R. Sritharan Planar domination graphs	129
G. Ge and C.W.H. Lam Resolvable group divisible designs with block size four and group size six	139
C. Heuberger On planarity and colorability of circulant graphs	153
D. Kremer and W.C. Shiu Finite transition matrices for permutations avoiding pairs of length four patterns	171
R. Li and R.H. Schelp Every 3-connected distance claw-free graph is Hamilton-connected	185
X. Li and CQ. Zhang Chords of longest circuits in 3-connected graphs	199
S. Negami Composite planar coverings of graphs	207
H. Ohsugi and T. Hibi Normalized volumes of configurations related with root systems and complete bipartite graphs	217

0012-365X/03/\$ - see front matter doi:10.1016/S0012-365X(03)00168-7

E. Prisner The recognition problem for line bigraphs	243
	240
J.K. Truss The automorphism group of the random graph: four conjugates good, three conjugates better	257
$\it BY.\ Zhang\ and\ \it J.\ \it Li$ An improvement of the two-line algorithm for proving $\it q$ -hypergeometric identities	273
Notes	
C. Chen, F.K. Hwang, J.S. Lee and S.J. Shih The existence of hyper-L triple-loop networks	287
G. Ge and C.W.H. Lam Bhaskar Rao designs with block size four	293
W. Goddard and M.A. Henning Nordhaus-Gaddum bounds for independent domination	299
S. Gravier, F. Maffray and B. Mohar On a list-coloring problem	303
V.J.W. Guo A simple proof of Dixon's identity	309
F.K. Hwang On Macula's error-correcting pool designs	311
H. Mierendorff Magic twin body stars generated from chains of prismoids	315
R. Naserasr and R. Škrekovski The Petersen graph is not 3-edge-colorable—a new proof	325
M. Sharir and S. Smorodinsky On neighbors in geometric permutations	327
DJ. Shin and W. Sung A new Kloosterman sum identity over F_{2^m} for odd m	337
L. Zhu and H. Zhang Completing the spectrum of r-orthogonal Latin squares	343



Author index to volume 268

This journal is part of ContentsDirect, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for ContentsDirect online at: http://contentsdirect.elsevier.com

351